

Yannick Gillet

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/574816/publications.pdf>

Version: 2024-02-01

15
papers

1,731
citations

686830

13
h-index

996533

15
g-index

16
all docs

16
docs citations

16
times ranked

2245
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent developments in the ABINIT software package. Computer Physics Communications, 2016, 205, 106-131.	3.0	662
2	The Abinitproject: Impact, environment and recent developments. Computer Physics Communications, 2020, 248, 107042.	3.0	369
3	ABINIT: Overview and focus on selected capabilities. Journal of Chemical Physics, 2020, 152, 124102.	1.2	179
4	Temperature dependence of the electronic structure of semiconductors and insulators. Journal of Chemical Physics, 2015, 143, 102813.	1.2	139
5	Atypical Exciton-Phonon Interactions in WS_2 and WSe_2 Monolayers Revealed by Resonance Raman Spectroscopy. Nano Letters, 2016, 16, 2363-2368.	4.5	118
6	Temperature dependence of electronic eigenenergies in the adiabatic harmonic approximation. Physical Review B, 2014, 90, .	1.1	91
7	First-principles study of excitonic effects in Raman intensities. Physical Review B, 2013, 88, .	1.1	33
8	Precise effective masses from density functional perturbation theory. Physical Review B, 2016, 93, .	1.1	28
9	Ab Initio Approach to Second-order Resonant Raman Scattering Including Exciton-Phonon Interaction. Scientific Reports, 2017, 7, 7344.	1.6	27
10	First-principles investigation of the structural, dynamical, and dielectric properties of kesterite, stannite, and PMCA phases of Cu_2S . Physical Review B, 2016, 94, .	1.1	23
11	Temperature evolution of the band gap in $BiFeO_3$ by resonant Raman scattering. Physical Review B, 2016, 93, .	1.1	20
12	On self-organised aggregation dynamics in swarms of robots with informed robots. Neural Computing and Applications, 2020, 32, 13825-13841.	3.2	16
13	First-principles characterization of the electronic and optical properties of hexagonal $LiIO_3$. Optical Materials, 2014, 36, 1494-1501.	1.7	13
14	Efficient on-the-fly interpolation technique for Bethe-Salpeter calculations of optical spectra. Computer Physics Communications, 2016, 203, 83-93.	3.0	10
15	Guiding aggregation dynamics in a swarm of agents via informed individuals: an analytical study. , 2019, , .		2